

PUT P AND K CLOSE TO SEED

Deep Placement Fertilizer Shoes

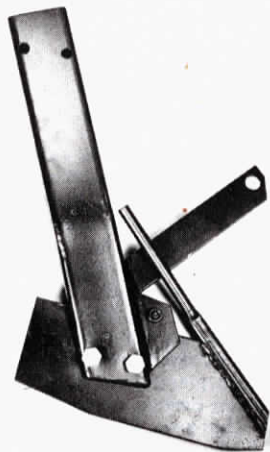
Those special-design shoes that mount on the planter unit to provide a way to place liquid fertilizer down close to the seed for quick uptake have been beefed up since our first report a year and a half ago (Vol. 5, No. 6, 1981).

"Over 5,000 have been sold to farmers in 26 states and Canada. The shoes are now recommended by major manufacturers," says Bob Niemeier, manufacturer. "We have equipped the shoes with a low cost replaceable runner, adjustable depth control as the blade wears down, and a one year warranty against breakage."

The shoes are especially suited to no-till but are recommended for conventional tillage as well. Without tillage, P and K usually remain near the top of the ground, because they do not move readily through the soil. Neimeyer's shoes place the two nutrients about an inch to one side of the seed and about an inch below it.

The shoes aren't suited to applying nitrogen since placement of N near the seed might cause seedling damage. A full year's application of P and K can be made, or just the starter fertilizer.

The shoes are being made specifically for Kinze and Deere Max-Emerge planters, but models for other-make planters also are avail-



Beefed-up shoes place P and K about an inch to one side of the seed and one inch below it.

able, says Niemeier. He also can supply deep placement shoes for runner-type planters.

The shoe is priced at \$39, plus freight, and one is needed per planter row. For more information, contact: FARM SHOW Followup, Niemeier Tractor & Farm Supply, Highway 61 South, Bowling Green, Mo. 63334 (ph 314 324-2070).

LONGER SEASON ALSO REDUCES EROSION

He Grows "Whole Season" Double-Crop Soybeans

Roger Henkener's wheat and soybean yields are 10 to 15% below yields on neighboring farms but that's because he grows both crops in the same field at the same time.

Henkener developed his cropping system after a 6 in. rain in 1979 severely eroded his wheat fields. In three years of testing, traditional double cropping wasn't protecting his fields from erosion and wasn't producing competitive yields due to the short growing season in his area of Ohio.

"We had to modify equipment in order to plant beans into standing wheat and to harvest wheat in standing soybeans," Henkener told FARM SHOW. He plants his winter wheat in the fall with an IH 6200 drill with 7-in. spacing. He plugs every third opening, leaving a 21-in. gap for the soybeans, which are planted in the spring with a 21-in. spaced planter.

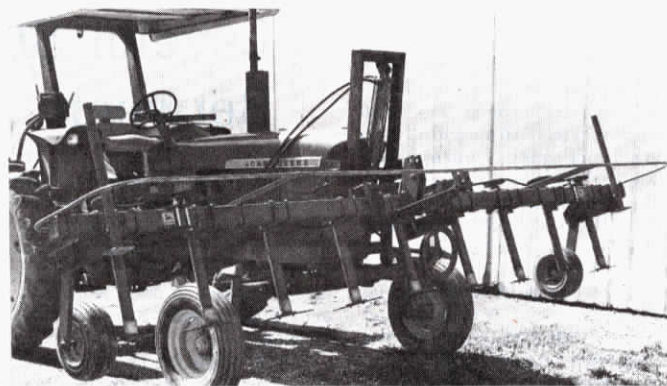
Because Henkener got the beans in early — between April 24 and May 5 last year — they were nearly as tall as his wheat by harvest time. As a result, he had to attach "feet" to the bottom of the combine cutterbar to push the

beans down out of the way. "These attachments should not be necessary every year," says Henkener. Once the wheat crop is off, a specially designed mower is used to cut wheat stubble and weeds out from between the soybean rows.

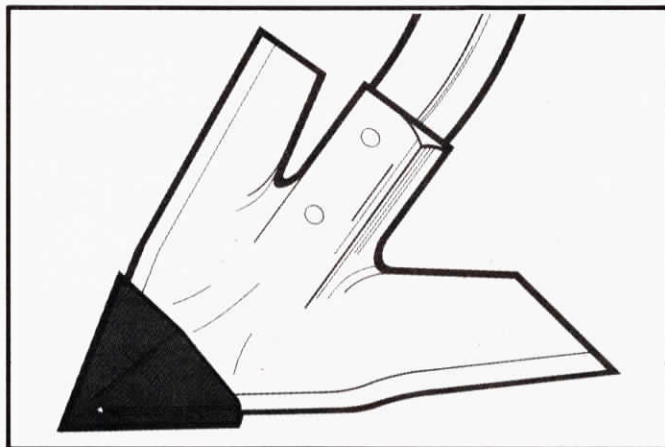
Henkener planted 100 double crop acres last year and plans to increase the amount this year. He used the same amount of wheat seed in every

two rows as he would have used in three, simply increasing each row by 50%. A set of 10-in. tires on a Deere tractor minimizes crop damage when planting the beans in the spring and when mowing wheat stubble out of beans later in the summer.

For more information, contact: Roger Henkener, 5 Willipie, Wapakoneta, Ohio 45895 (ph 419 753-2429).



This specially designed mower is used to cut wheat stubble and weeds out from between soybean rows.



"Ni-Hard" points deflect much of the wear from sweeps, extending wear up to three times, according to the manufacturer.

WELDED TO TIPS OF NEW SWEEPS

Wear Points Triple Life Of Cultivator Shovels

You'll increase sweep life up to three times with new Sweep Savers installed on your cultivator shovels, according to Gordon Bates of the Digger Bandit Co., Lethbridge, Alta., manufacturer of the add-on wear points.

"The Ni-Hard material the points are made of deflects rocks and other obstacles, and prevents excessive wear even under the toughest conditions. The sweep point takes much of the blow under normal field conditions but, by covering the point, you save wings from wearing too," says Bates.

The Sweep Savers fit 10, 12, 14, 16

or 18-in. shovels, running 3½ in. down either side of each. The replacement points install quickly by making a ¼ in. spot weld, using a stainless steel electrode, on the underside and along the outside edges, and then welding the top outer edges with only a ¼ in. spot weld. Sweep Savers are designed to install on new shovels only.

They retail for \$6.00 each.

For more information, contact: FARM SHOW Followup, Digger Bandit Co., 616 34-St. So., Lethbridge, Alta. T1J 3W1 (ph 403 328-2062, or 328-4569).



Photo shows a soybean crop well along its way in a yet-to-be-harvested wheat crop.